

AMENDMENTS TO THE CLAIMS:

Please cancel Claims 43 and 50 without prejudice to or disclaimer of the recited subject matter.

Please amend Claims 39, 44, 46 and 49 and add Claim 51 as follows:

1-38. (Cancelled)

39. (Currently Amended) A pipe structure comprising:

a double pipe having a resin inner pipe and a resin outer pipe covering an outside of the inner pipe; and

a ~~discharge mechanism~~ vacuum pump for discharging ~~fluid~~ gas in a space between the inner pipe and the outer pipe,

wherein the double pipe is in a chamber, pressure in a space between the chamber and the outer pipe is less than pressure in a space between the inner pipe and the outer pipe, and the pressure in the space between the inner pipe and the outer pipe is ~~greater than the pressure in the chamber and~~ less than the pressure in the inner pipe.

40. (Cancelled)

41. (Previously Presented) The structure according to claim 39, wherein the inner pipe or the outer pipe has a bellows structure or coil shape.

42. (Previously Presented) The structure according to claim 39, wherein the inner pipe and the outer pipe include a plurality of inner pipes.

43. (Cancelled)

44. (Currently Amended) The structure according to claim 39, wherein the inner pipe is formed from a more flexible resin material than that of the outer pipe.

45. (Previously Presented) The structure according to claim 39, wherein the inner pipe is formed from a resin material having a flexibility different from a material of the outer pipe.

46. (Currently Amended) The structure according to claim 39, wherein the outer pipe is formed from a resin material ~~nearly free from degassing~~ so that an occurrence of degassing of the outer pipe is less than that of the inner pipe.

47. (Previously Presented) The structure according to claim 39, wherein the outer pipe is thinner than the inner pipe.

48. (Previously Presented) The structure according to claim 39, wherein the outer pipe has a thickness of about 10 μm to about 100 μm .

49. (Currently Amended) The structure according to claim 39, further comprising a movable stage in ~~a vacuum~~ the chamber ~~having a vacuum atmosphere~~, wherein said double pipe is coupled to the movable stage and an outer surface of said double pipe is exposed to ~~the a~~ vacuum atmosphere in the chamber.

50. (Cancelled)

51. (New) A pipe structure comprising:
a double pipe having a resin inner pipe and a resin outer pipe covering an outside of the inner pipe; and
a vacuum pump for discharging gas in a first space between the inner pipe and the outer pipe,
wherein the double pipe is in a chamber, pressure in a second space between the chamber and the outer pipe is less than pressure in the first space, and the pressure in the first space is less than the pressure in a third space in the inner pipe, and wherein the first, the second and the third spaces are independent of each other.